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(54) METHOD FOR ADJUSTING LEVEL OF MOLTEN STEEL IN TUNDISH AT EXCHANGING OF LADLE

(57) Abstract:

PURPOSE: To enable always supply of a molten steel contg. less inclusions by maintaining a constant level of the molten steel on the immersion nozzle side in the stage of exchanging a ladle by means of partition plates disposed freely movably in the longitudinal and height directions of a tundish.

CONSTITUTION: A pair of partition plates 5 which are freely movable in the longitudinal and height directions of a tundish 3 are disposed in said tundish and continuous casting is accomplished by supplying a molten steel to the tundish from a ladle 1. While the plates 5 are held lowered in the bottom of the tundish 3 in the stage of starting the exchange of the ladle, the plates 5 are laterally moved to an immersion nozzle 4 side according to the decreased amt. of the molten steel in the tundish 3 and even after the completion of the ladle exchange, the lateral movement is continued until the molten steel head between the plates 5 restores the

adequate level. The plates 5 are thereafter ascended and reset to the home position. The specified level of the molten steel in the mounting position of the tundish is thus maintained in the stage of exchanging the ladle, by which the supply of always the molten steel contg. less inclusions is made possible.

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